UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,329,728 B1
APPLICATION NO. : 09/586625
DATED : February 12, 2008
INVENTOR(S) : Barbas, III et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE TITLE PAGES:

In Item [56] References Cited, in U.S. PATENT DOCUMENTS:

please add the following reference: --2003/0186841 10/2003 Barbas III et al.--.
please add the following reference: --2004/0224385 4/2005 Barbas et al.--.
please add the following reference: --2005/0084885 4/2005 Barbas III et al.--.
please add the following reference: --2005/0148075 7/2005 Barbas, C.F.--.
please add the following reference: --6,790,941 9/2004 Barbas III et al.--.

In Item (56) References Cited, in FOREIGN PATENT DOCUMENTS:

please add the following reference: --WO 1/52620 07/2001--.
please add the following reference: --WO 2/06463 01/2002--.
please add the following reference: --WO 2002/097050 12/2002--.

In Item [56] References Cited, in OTHER PUBLICATIONS:

please add the following reference: --Alwin et al., "Custom zinc-finger nucleases for use in human cells," Mol. Ther. 12(4): 610-617 (2005)--.
please add the following reference: --Blancafort et al., "Designing transcription factor architectures for drug discovery," Mol. Pharmacol. 66(6): 1361-71 (2004)--.
please add the following reference: --Blancafort et al., "Genetic reprogramming of tumor cells by zinc finger transcription factors," Proc. Natl. Acad. Sci. USA 102(33): 11716-21 (2005)--.
please add the following reference: --Blancafort et al., "Scanning the human genome with combinatorial transcription factor libraries," Nature Biotechnol. 31(3): 269-274 (2003)--.
please add the following reference: --Dreier et al., "Development of zinc finger domains for recognition of the 5'-ANN-3' family of DNA sequences and their use in the construction of artificial transcription factors," J. Biol. Chem. 276(31): 29466-78 (2001)--.
please add the following reference: --Dreier et al., "Development of zinc finger domains for recognition of the 5'-CNN-3' family DNA sequences and their use in the construction of artificial transcription factors," J. Biol. Chem. 280(42): 35588-35597 (2005)--.
please add the following reference: --Graslund et al., "Exploring strategies for the design of artificial transcription factors: targeting sites proximal to known regulatory regions for the induction of γ-globin expression and the treatment of sickle cell disease," J. Biol. Chem. 280(5): 3707-14 (2005)--.

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,329,728 B1
APPLICATION NO. : 09/586625
DATED : February 12, 2008
INVENTOR(S) : Barbas, III et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

please add the following reference: --Guan et al., "Heritable endogenous gene regulation in plants with designed polydactyl zinc finger transcription factors," Proc. Natl. Acad. Sci. USA 99(20): 13296-301 (2002)--.

please add the following reference: --Lin et al., "Small-molecule switches for zinc finger transcription factors," J. Am Chem. Soc. 125(3): 612-3 (2003)--.

please add the following reference: --Lund et al., "Promoter-targeted phage display selections with preassembled synthetic zinc finger libraries for endogenous gene regulation," J. Mol. Biol. 340(3): 599-613 (2004)--.

please add the following reference: --Magnenat et al., "In vivo selection of combinatorial libraries and designed affinity maturation of polydactyl zinc finger transcription factors for ICAM-1 provides new insights into gene regulation," J. Mol. Biol. 341(3): 635-49 (2004)--.

please add the following reference: --Ordiz et al., "Regulation of transgene expression in plants with polydactyl zinc finger transcription factors," Proc. Natl. Acad. Sci. USA 99(20): 13290-5 (2002)--.

please add the following reference: --Segal et al., "Custom DNA-binding proteins come of age: polydactyl zinc-finger proteins," Curr. Opin. Biotechnol. 12(6): 632-7 (2001)--.

please add the following reference: --Segal et al., "Evaluation of a modular strategy for the construction of novel polydactyl zinc finger DNA-binding proteins," Biochemistry 42(7): 2137-2148 (2003)--.

please add the following reference: --Segal et al., "Attenuation of HIV-1 replication in primary human cells with a designed zinc finger transcription factor," J. Biol. Chem. 279(15): 14509-19 (2004)--.

please add the following reference: --Segal et al., "Zinc fingers and a green thumb: manipulating gene expression in plants," Curr. Opin. Plant Biol. 6(2): 163-8 (2003)--.

please add the following reference: --Stege et al., "Controlling gene expression in plants using synthetic zinc finger transcription factors," Plant J. 32(6): 1077-86 (2002)--.

please add the following reference: --Tan et al., "Fusion proteins consisting of human immunodeficiency virus type 1 integrase and the designed polydactyl zinc finger protein E2C direct integration of viral DNA into specific sites," J. Virol. 78(3): 1301-13 (2004)--.

please add the following reference: --Xu et al., "A versatile framework for the design of ligand-dependent, transgene-specific transcription factors," Mol. Ther. 3(2): 262-73 (2001)--.

in Rollins, et al., please replace "TFIIA" with --TFIIIA--.

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : 7,329,728 B1
APPLICATION NO. : 09/586625
DATED : February 12, 2008
INVENTOR(S) : Barbas, III et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE CLAIMS:

Col. 200, line 14, please replace Claim 32 with the following amended claim:

--32. The vector of claim 31 that is selected from the group consisting of an adenoviral vector, an adeno-associated viral vector, a herpes virus vector, a vaccinia virus vector and a lentiviral vector.--.

Col. 200, line 20, please replace Claim 34 with the following amended claim:

--34. The vector of claim 33 that is selected from the group consisting of an adenoviral vector, an adeno-associated viral vector, a herpes virus vector, a vaccinia virus vector and a lentiviral vector.--.

Col. 200, line 24, please replace Claim 35 with the following amended claim:

--35. A combination, comprising:
a composition containing a fusion protein of claim 1; or
a composition containing a nucleic acid molecule comprising a sequence of nucleotides that encodes the fusion protein; and
a composition containing a regulatable expression cassette that comprises at least one response element recognized by the nucleic acid binding domain of the fusion protein.--.

Signed and Sealed this

Third Day of February, 2009

John Doll

JOHN DOLL
Acting Director of the United States Patent and Trademark Office